Given an array consists of non-negative integers, your task is to count the number of triplets chosen from the array that can make triangles if we take them as side lengths of a triangle.

**Example 1:**

**Input:** [2,2,3,4]

**Output:** 3

**Explanation:**

Valid combinations are:

2,3,4 (using the first 2)

2,3,4 (using the second 2)

2,2,3

**Note:**

1. The length of the given array won't exceed 1000.
2. The integers in the given array are in the range of [0, 1000].